

U. S. Department of Agriculture
Bureau of Agricultural Economics
and
U. S. Department of Commerce
Weather Bureau

Nebr. Dept. of Agr. & Inspection
Division of Agr'l. Statistics
and
Agricultural Extension Service
of Nebr. College of Agr.

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Released 7-29-52 - 11:00 A.M.

Week Ending 7-28-52

WEATHER Hot dry weather prevailed during most of the week, except for a brief cool period early in the week. There was abundant sunshine, humidity was rather low, and winds were average or less.

CROPS The bulk of the corn is holding out well against dry weather and high temperatures, but it needs a good general rain. Counties needing rain badly are Boyd, Holt, Knox, the northern portion of Antelope, northwestern portions of Pierce, western and central Cedar, Custer, Valley, Howard, Dundy, Chase, Keith, parts of Hayes and Frontier. Most of these counties reported need for rain a week ago, and lowered corn conditions are reported this week. About a half dozen counties reported fair local showers last week.

About 68% of the corn had tasseled by July 26. Reports of percent tasseled by districts are as follows: Northwest 37%, North Central 45%, Northeast 72%, Central 75%, East Central 77%, Southwest 32%, South Central 68%, Southeast 72%. The bulk of the corn is now in its critical stage of development and moisture requirements are heavy. The last good rain in northeastern Nebraska was July 6. On July 12 and 13 the balance of the cornbelt received substantial rain, except in a few southwestern and central counties. A few counties reported damage from corn root worm.^{small}

Practically all of the winter wheat has been harvested except for ^{small} acreages in extreme northern counties. Yields have held up well. Considerable plowing for fall seeding has been completed, although the soil is getting dry now.

The harvest of oats and barley is about completed. Yields vary, but most of them are poor. Reports indicate a much larger percentage of oats cut for hay than usual due to poor yields of grain.

Sorghums are holding up well but rains would be helpful. A few counties reported sorghum infested with aphids. A third crop of alfalfa is doing well where substantial rains were received earlier in the month. Reports indicate a considerable acreage from the second crop is being left for seed. The reports are generally favorable for seed production but there is some damage from grasshoppers.

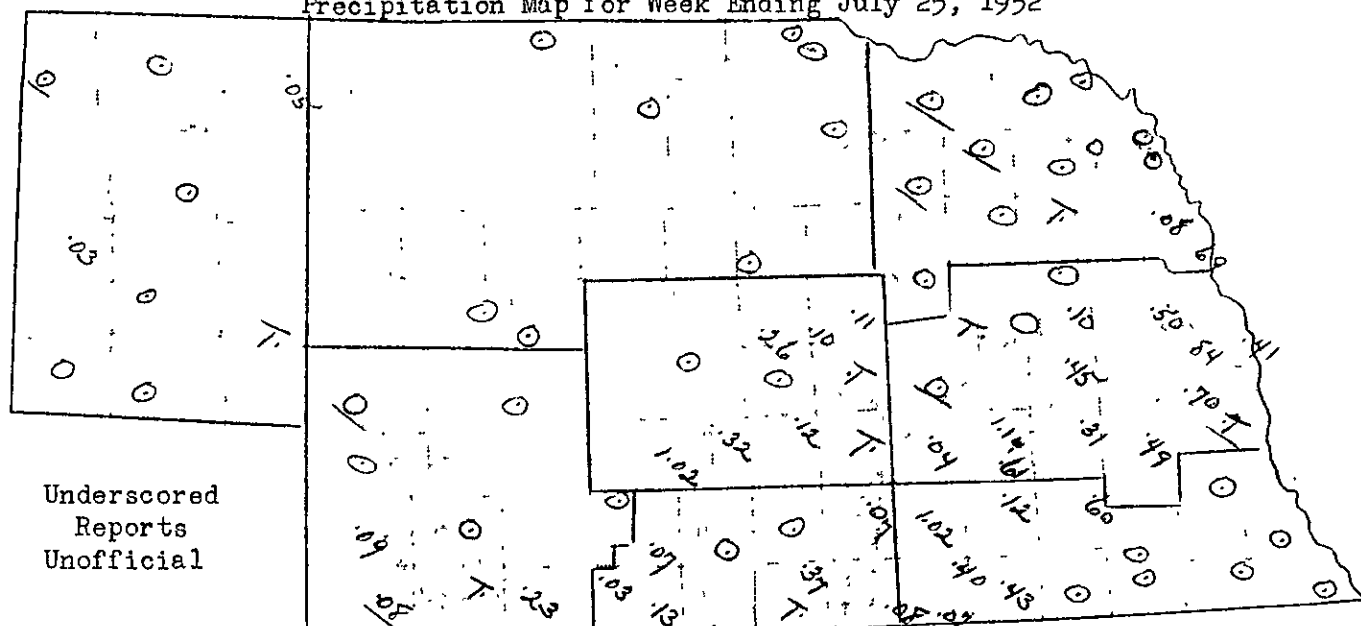
The average condition of pasture is slightly lower but eastern and southern areas receiving substantial rainfall earlier in the month are quite satisfactory. Pasture in the Sandhills needs rain. The Sandhills received heavy rains in May and very light precipitation the first 18 days of June, followed by moderate rain in the last 12 days of the month and very little rain so far in July. Wild hay improved in some eastern counties but yields are a little short in the Sandhills. There is danger of fire in the hay fields of the Sandhills because of the dry condition. Cherry county reported the loss of about 80 stacks of hay from a recent fire.

The harvest of early potatoes continues, with shipments reaching 68 cars up to the 24th, as compared with 46 cars to the same date a year ago. Irrigated late potatoes in western Nebraska, sugar beets and beans are generally doing well.

Rainfall and ~~surplus~~ ^{soil} moisture is reported short in nearly two-thirds of the counties. About half of the counties report need for more subsoil moisture. Most of the counties report range, pasture, hay, forage and feed grains ample.

LIVESTOCK All hog lots where vesicular exanthema has been found are being held under quarantine and there has been no further spread of the disease. Cattle are doing fine on the pastures. Sandhill pastures are cured and cattle are putting on a firm finish.

Precipitation Map for Week Ending July 25, 1952



HIGHEST AND LOWEST TEMPERATURES (for 24 hours ending in a.m.)

		JULY											
		22nd		23rd		24th		25th		26th		27th	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	101	58	82	51	96	71	109	68	89	69	100	70
	Scottsbluff	96	59	85	55	94	63	103	69	83	59	97	65
	Sidney	98	62	84	55	92	60	101	68	87	55	92	65
N-C	Burwell	99	71	82	51	--	--	97	71	88	52	94	64
	Valentine	102	65	81	51	86	67	105	77	87	53	97	70
NE	Norfolk	92	75	87	57	82	62	92	72	95	59	91	64
	Sioux City	95	75	91	56	82	61	88	73	97	61	93	63
CEN.	Grand Island	94	71	90	57	83	64	96	72	97	67	91	69
	Lexington	92	66	83	53	83	61	96	62	94	60	90	60
E-C	Lincoln	97	79	100	64	83	69	95	75	104	71	92	75
	Omaha	97	78	98	63	81	65	88	75	--	69	92	72
SW	Imperial	102	65	84	59	92	67	106	66	92	65	95	67
	North Platte	97	66	83	53	83	57	106	72	91	57	90	63

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING JULY 28, 1952

Eastern Division		Eastern Div., Cont'd.		Central Division		Western Division	
Albion	0	Hastings	0	Broken Bow	0	Alliance	0
Ashland	.06	Lincoln	.08	Burwell	0	Chadron	.02
Auburn	0	Norfolk	.10	Cambridge	0	Culbertson	0
Beatrice	0	Oakdale	0	Holdrege	0	Imperial	.09
Columbus	0	Omaha	.19	Lexington	0	Kimball	0
Fairbury	0	Red Cloud	0	North Loup	0	Scottsbluff	.01
Fairmont	0	St. Paul	0	North Platte	0	Sidney	0
Falls City	0	Tekamah	.22	O'Neill	0		
Fremont	.12	Wakefield	0	Ravenna	0		
Grand Island	0	York	0	Valentine	0		
Hartington	0						
Average this week		0.04		0		0.02	
Total since April 1		14.74		8.96		6.92	
Normal since April 1		14.16		12.14		9.98	